

## EER Cores (9578261802)



Part Number: 9578261802

78 EER CORE SET

**EER cores, similar to ETD cores, have been designed to make optimum use of a given volume of ferrite material for maximum throughput power. The structure, which includes a round center post, approaches a nearly uniform cross-sectional area throughout the core and provides a winding area that minimizes winding losses.**

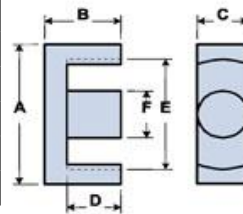
EER cores can be supplied with the center post gapped to a mechanical dimension or an  $A_L$  value.

[Catalog Drawing](#)  
[3D Model](#)


Weight indicated is per pair or set.

Weight: 11.2 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	25.5	± 0.50	1.004	—
B	9.3	± 0.15	0.366	—
C	7.5	± 0.25	0.295	—
D	6.4	± 0.15	0.252	—
E	19.8	min	0.78	min
F	7.5	± 0.25	0.295	—



### Chart Legend

$\Sigma l / A$  : Core Constant,  $l_e$  : Effective Path Length,  $A_e$  : Effective Cross- Sectional Area,  $V_e$  :  
Effective Core Volume  
 $A_L$  : Inductance Factor 

Explanation of Part Numbers: Digits 1 & 2 = product class and 3 & 4 = material grade.

Electrical Properties	
$A_L$ (nH)	1800 ±25%
$A_e$ (cm <sup>2</sup> )	0.434
$\Sigma l / A$ (cm <sup>-1</sup> )	11.1
$l_e$ (cm)	4.8
$V_e$ (cm <sup>3</sup> )	2.083
$A_{min}$ (cm <sup>2</sup> )	0.425

$A_L$  value is measured at 1 kHz, B < 10 gauss.